



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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September 11, 1992

Mr. Terry M. Tilley
Plant Superintendent
American Gilsonite Company
Bonanza, Utah 84008

Dear Mr. Tilley

Re: Review of Permit Amendment, American Gilsonite Company, Bonanza Mines Operations, M/047/010, Uintah County, Utah

The Division has reviewed your amendment submission received May 1, 1992, and additional information received June 17, 1992. After reviewing the information, the Division has the comments which are listed below under the applicable Minerals Rule heading. When these outstanding comments have been addressed, the Division will be able to grant final approval for the amendment project. Please format your response in a similar fashion.

R647-4-106 Operation Plan

106.9 Location & size of ore, waste, tailings, ponds

The new facility will include an open tank or a clay lined pond for containment of storm water and cleanup water. Please provide a description of this tank or pond (volume, containment calculations) and its location. The use of such an open air facility may require you to obtain a permit from the Division of Water Quality (DWQ). Has DWQ been contacted in this regard? What is the outcome of this contact? (AAG)

R647-4-107 Operation Practices

107.4 Deleterious material safely stored or removed

The facilities described by the amendment will require the use of solvents. Please describe the methods of storage, removal and receipt of these solvents during operations. (AAG)

109.4 Slope stability, erosion control, air quality, safety

The vaporization and condensation of these solvents may require you to obtain an air quality permit. Has the Division of Air Quality (DAQ) been contacted in this regard? What is the outcome of this contact? (AAG)

R647-4-110 Reclamation Plan

110.4 Description or treatment/disposition of deleterious or acid forming material

Will this new facility cause special handling concerns upon final reclamation of the site? Will any deleterious materials remain at the facility or in the pond? (AAG)

110.5 Revegetation planting program

The Division recommends the use of the attached seed mix for reclamation of this site as well as the other disturbed areas. (HWS)

R647-4-112 Variance

No variances were requested in the submission. (AAG)

R647-4-113 Surety

The changes proposed in this amendment do not affect the previous estimate of the disturbed area, however, the structural changes will affect the reclamation surety estimate. This effect may or may not be significant. The structural additions included in this amendment which affect the reclamation surety estimate are: structural steel shed (lean-to), reinforced concrete slab for a majority of the lean-to's floor space, new concrete slabs in the storage bin area, two 10,000 gallon tanks, two centrifuges, a small cinder block building (MCC building), and various pumps, agitators, fixtures, etc.

The Division is currently reviewing the reformatted and updated version of the mine plan and AGC's revised surety estimate received on August 11, 1992. AGC will be

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notified of the results of that review as soon as it is completed. Any changes in the form or amount of reclamation surety will need to be approved by the Board.

R647-4-115 Confidential Information

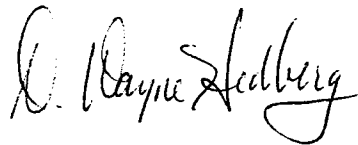
Several portions of the amendment submission contain confidential information. These portions have been labelled as such and will be held in a separate file not available to the general public unless written permission has been obtained from American Gilsonite Company.

R647-4-116 Public Notice & Appeals

The submission has been categorized as an amendment according to the Division Policy on amendments and revisions effective May 22, 1991. Therefore, no public notice or comment period is required prior to Division approval.

If you have any questions with regard to the content of this letter please do not hesitate to contact me or Tony Gallegos. Thank you for your time and attention in this permitting matter.

Sincerely,



D. Wayne Hedberg
Minerals Permitting Supervisor

jb
Attachment

cc: Burnell Cordner, DAQ
Dave Wham, DWQ

M047010

Howell Brafton
John Blake, State Lands

Recommended Species List
for
**American Gilsonite
Bonanza Mine**

M/047/010

Prepared by DOGM September 14, 1992

<u>Common Name</u>	<u>Species Name</u>	<u>*Rate lbs/ac (PLS)</u>
Grasses:		
Western Wheatgrass	Agropyron Smithii	3
Bluebunch Wheatgrass	Agropyron Spicatum	3
Russian Wildrye	Elymus junceus	3
Indian Ricegrass	Oryzopsis hymenoides	2
Forbs:		
Yellow Sweet Clover	Melilotus officinalis	1
Nomad Alfalfa	Medicago sativa	1
Shrubs:		
Saltbush	Atriplex canescens	1
Winterfat	Eurotia lanata	1
Rabbitbrush	Chrysothamnus nauseosus	1
Total		16 lbs/ac

***This the recommended broadcast ratio. If the species are to be drill seeded, reduce the broadcast rate by 1/3.**